



US 20030032478A1

(19) **United States**(12) **Patent Application Publication**  
**Takahama et al.**(10) **Pub. No.: US 2003/0032478 A1**(43) **Pub. Date: Feb. 13, 2003**(54) **ORIENTATION DETECTION MARKER,  
ORIENTATION DETECTION DEVICE AND  
VIDEO GAME DECIVE****Publication Classification**(75) Inventors: **Hajime Takahama**, Kobe-shi (JP);  
**Hiroki Honda**, kobe-shi (JP)(51) **Int. Cl.<sup>7</sup>** ..... **A63F 13/00**(52) **U.S. Cl.** ..... **463/30**

Correspondence Address:

**JORDAN AND HAMBURG LLP**  
**122 EAST 42ND STREET**  
**SUITE 4000**  
**NEW YORK, NY 10168 (US)**(57) **ABSTRACT**(73) Assignee: **Konami Corporation**, Minato-ku (JP)(21) Appl. No.: **10/213,248**(22) Filed: **Aug. 5, 2002**(30) **Foreign Application Priority Data**

Aug. 9, 2001 (JP) ..... 2001-242819

Feb. 14, 2002 (JP) ..... 2002-36791

The invention provides an orientation detection marker having a simple structure and capable of providing information enabling the remote measurement of the orientation of a controller. Light source unit **13** (orientation detection marker) provides so-called biaxial direction information composed of one axis on which dotted light sources **131** to **133** are disposed at equal intervals and another axis on which dotted light sources **131**, **134** and **135** are disposed at the same interval as the above intervals and which intersects with the aforementioned one axis at the dotted light source **131** or the like.

